

LISTING OF CLAIMS

1-3. (Cancelled)

4-5. (Cancelled)

6-25. (Cancelled) The apparatus of claim 1, wherein the telephonic equipment comprises a telephone.

26. (New) An apparatus for interfacing with a connector port, comprising:
an RJ-11 port to receive an RJ-11 connector;
a detection circuit to automatically determine whether an RJ-11 connector received by the RJ-11 port is connected to end user equipment or to a telephone network; and
a control circuit to automatically configure the RJ-11 port to interface to the end user equipment and the telephone network, based on the determination of the detection circuit.

27. (New) An apparatus according to claim 26, wherein the RJ-11 port comprises an RJ-11 port on a computer modem board, wherein the detection circuit determines that the RJ-11 connector is connected to end user equipment, and wherein the control circuit configures the RJ-11 port as a subscriber line interface circuit (SLIC) port to interface to the end user equipment.

28. (New) An apparatus according to claim 27, wherein the detection circuit determines that the RJ-11 connector is connected to a telephone, and the control circuit configures the RJ-11 port as a SLIC port to interface to the telephone.

29. (New) An apparatus according to claim 26, wherein the RJ-11 port comprises an RJ-11 port on a computer modem board, wherein the detection circuit determines that the RJ-11 connector is connected to a telephone network, and wherein the control circuit configures the RJ-11 port as a DAA port to interface to the telephone network.

30. (New) An apparatus according to claim 29, wherein the detection circuit determines that the RJ-11 connector is connected to a private branch exchange (PBX), and the control circuit configures the RJ-11 port as a DAA port to interface to the PBX.

31. (New) An apparatus according to claim 29, wherein the detection circuit determines that the RJ-11 connector is connected to a public switched telephone network (PSTN), and the control circuit configures the RJ-11 port as a DAA port to interface to the PSTN.

32. (New) An apparatus according to claim 26, wherein the RJ-11 port comprises an RJ-11 port on a fax machine, wherein the detection circuit determines that the RJ-11 connector is connected to end user equipment, and wherein the control circuit configures the RJ-11 port as a SLIC port to interface to the end user equipment.

33. (New) An apparatus according to claim 26, wherein the RJ-11 port comprises an RJ-11 port on a fax machine, wherein the detection circuit determines that the RJ-11 connector is connected to a telephone network, and wherein the control circuit configures the RJ-11 port as a DAA port to interface to the telephone network.

34. (New) An apparatus according to claim 26, wherein the detection circuit further comprises a loop voltage detector and an interval timer to isolate a loop voltage supplied by the loop voltage detector, wherein the control circuit configures the RJ-11 port as a SLIC port by default, and as a DAA port if an external loop voltage is detected.

35. (New) A method for interfacing to a connector port, comprising:

determining whether an RJ-11 connector engaged with an RJ-11 port is connected to end user equipment or to a telephone network; and

automatically configuring the RJ-11 port to interface to the end user equipment and the telephone network, based on the determination.

36. (New) A method according to claim 35, wherein determining whether the RJ-11 connector engaged with the RJ-11 port is connected to end user equipment comprises determining that an RJ-11 port on a computer modem board is connected to end user equipment, and wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a subscriber line interface circuit (SLIC) port to interface to the end user equipment.

37. (New) A method according to claim 36, wherein determining whether the RJ-11 connector is connected to a telephone, and wherein configuring RJ-11 port comprises configuring the RJ-11 port as a SLIC port to interface to the telephone.

38. (New) A method according to claim 35, wherein determining whether the RJ-11 connector engaged with the RJ-11 port is connected to a telephone network comprises determining that an RJ-11 port on a computer modem board is connected to a telephone network, and wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a DAA port to interface to the telephone network.

39. (New) A method according to claim 38, wherein determining whether the RJ-11 connector engaged with the RJ-11 port is connected to a telephone network comprises determining that the RJ-11 connector is connected to a private branch exchange (PBX), and wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a DAA port to interface to the PBX.

40. (New) A method according to claim 38, wherein determining whether the RJ-11 connector engaged with the RJ-11 port is connected to a telephone network comprises determining that the RJ-11 connector is connected to a public switched telephone network (PSTN), and wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a DAA port to interface to the PSTN.

41. (New) A method according to claim 35, wherein determining whether the RJ-11 connector engaged with the RJ-11 port is connected to end user equipment comprises determining whether an RJ-11 port on a fax machine is connected to end user equipment, and wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a subscriber line interface circuit (SLIC) port to interface to the end user equipment.

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42. (New) A method according to claim 35, wherein determining whether the RJ-11 connector engaged with the RJ-11 port is connected to a telephone network comprises determining that an RJ-11 port on a fax machine is connected to a telephone network, and wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a DAA port to interface to the telephone network.

43. (New) A method according to claim 35, wherein determining whether the RJ-11 connector engaged with the RJ-11 port is connected to end user equipment or a telephone network further comprises detecting a loop voltage and isolating the loop voltage, wherein configuring the RJ-11 port comprises configuring the RJ-11 port as a SLIC port by default, and as a DAA port if an external loop voltage is detected.